U.S. EPA – Region 8 – MT Office Event Plan

Activity	Doug Benevento, Region 8 Administrator (RA) tour of Anaconda Smelter Superfund site and visit with Anaconda community members	
Date/Time	Wed. Nov. 15, 2017 @ 9:30 am – 4 pm	
Venue	• Tour: Anaconda Montana • Community Meeting: Community Hospital of Anaconda Conference Room; 401 W Pennsylvania Ave	
EPA Team	RA; Joe Vranka, MT Superfund Unit Sup. (406.439.6142); Charlie Coleman, Project Manager 406.459.1791; Charlie Partridge, EPA Toxicologist	
Invitees for Community Meeting	• Point of Contact: Bill Everett, Chief Executive Officer Anaconda-Deer Lodge County 406-563-4000; BEverett@adlc.us. • Frank Fitzpatrick, Chairman Anaconda Deer Lodge County Superfund Taskforce • Terry Vermeire, Anaconda-Deer Lodge County Commissioner • Carl Nyman, Anaconda-Deer Lodge Superfund Coordinator • Jim Davison, Executive Director Anaconda Local Development Corporation • Brion Lindseth, Attorney • Anthony Benes Superintendent Old Works Golf Course • Mike King, President Old Works Golf Course Authority Board	• Steve McNeece, CEO Community Hospital of Anaconda • Gerry Nolan, Superintendent Anaconda School District • Elizabeth Erikson, Principal Water & Environmental Technologies • Mark Sweeney, President Arrowhead Foundation • Kathy Miller, Editor Anaconda Leader Newspaper • Susan Dunlap, Reporter MT Standard Newspaper • Erik Nylund, Senator Tester Regional Director • Danielle Tribble, Senator Daines Field Rep • Caleb Hinkle, Representative Gianforte Field Rep. • Gene Vuckovich, Senate District 039 • Gordon Pierson, House District 078 • Kathy Swanson, House District 077

EPA Objectives:

- RA will have visited key areas of the Anaconda Smelter Superfund site and gain and overview of the project.
- RA and EPA site team will have met with leaders of Anaconda and identify community issues and concerns.
- Anaconda community members will have had an opportunity to meet the RA, raise concerns, and ask questions.

Community Issues:

- Concern that the cleanup in Anaconda is inadequate – soil arsenic action level is too high/not protective; attic dust is too limited; schools and parks have not been a priority in cleanup
- Belief that private property should be restored to original conditions – Cleanup vs restoration
- Belief that more should be done to redevelop the community considering lack of infrastructure, developable space and capital.

Agenda:

8:00 am – 9:30 am	Depart Helena, travel to Anaconda	RA, EPA site team
9:30 am – 12:00 pm	Tour of Anaconda Smelter Superfund Site	
12:00 pm – 1:00 pm	Lunch	
1:00 pm – 2:30 pm	Community meeting	RA, site team, invitees
2:30 – 4 pm	Additional time with Chief Executive	RA, Bill Everett
4 pm – 5:30 pm	Depart Anaconda, return to Helena	RA, EPA site team

Capstone Talking Points:

- In recognition of the priority issues involved with Superfund in Montana, RA is making a return trip early in his tenure to learn firsthand more about the issues and concerns from the perspective of the community.
- RA will visit the Anaconda Smelter site to get an overview of the project, meet with members of the community, and show his commitment to moving faster and smarter to implement a comprehensive cleanup in Anaconda.
- Public comments and community input is essential in the Superfund process to ensure EPA decisions are based on the best information available.

Q&A:

What is EPA doing to address the county's issues?

- The arsenic action level is 250 ppm for arsenic and is used to address "hot spots" within the community. The action levels are intended to reduce the overall average arsenic risk to approach Montana's risk goal for a residential property.
- Currently dust cleanup is limited to attics where there is a potential exposure pathway and is supported by the county's interior dust program (health and education, home assessments, and HEPA vacuum programs).
- Schools and parks are currently scheduled for sampling in 2018. EPA will coordinate with the county and school district to prioritize this sampling and expedite cleanup if necessary.
- Atlantic Richfield Co. is currently negotiating a settlement with the County to provide funding for redevelopment needs in exchange for the County implementing institutional controls.
- EPA will continue review and assess the performance of the remedy. If any information comes to light at any time that indicates the remedy is not protective, EPA will make changes to the remedy to protect human health.
- EPA will also investigate any specific areas of public concern during the next Five Year Review scheduled for 2020.

Why has the cleanup there been inadequate especially as it relates to soil and attic dust cleanup (round 1 arsenic and round 2 lead) and addressing potential risks at schools and parks?

- AR, under EPA order, has implemented sampling and abatement of residential areas for arsenic and is now implementing further sampling of residential yards and attics for lead.
    - The goal is to sample and clean up all yards over 5 years. There is a schedule and residents can also request. Homes with children are prioritized.
    - Although schools were not tested previously for arsenic, all schools are included in the current cleanup plan for lead. The first schools are scheduled to be sampled this fall.
    - EPA will investigate immediately if any information should come to light that suggests that people are potentially exposed in schools to harmful contamination as a result of historic smelting activities.
    - EPA will also investigate any specific areas of public concern in schools during the next Five Year Review scheduled for 2020.

What is the status of the Arrowhead Foundation (TAG recipient)?

- The Arrowhead Foundation is a non-profit organization and completely independent of EPA.
- They are currently a recipient of a Technical Assistance Grant (TAG) from the EPA in the amount of $50,000.00.
- The Arrowhead Foundation has received a TAG since June, 1994 with a cumulative total of $900,000.00

What is the status of the Superfund Library?

- The EPA is in the process of establishing an information repository for the Anaconda Smelter site in Anaconda. This will be a small collection of key site documents, fact sheets, and other relevant information. The location of the information repository will be determined after we complete further community interviews and identify the ideal community location. We hope to have a location identified before the end of the year.
- The current Superfund Library located at 118 East Seventh Street in Anaconda is not managed by the EPA. Superfund documents are provided by EPA to Anaconda-Deer Lodge County (ADLC) where they can be accessed by the public through either ADLC or Arrowhead. You may want to follow up with the Anaconda Deer Lodge County about the status of that Library.

What is the status of Benny Good Park?

- Based on the currently available data, the park may be used for its intended purpose.
- Next steps for park . . .

Why is the lead cleanup action level lower in Anaconda than SBCBA?

- Anaconda lead bioavailability is higher than in SBCSA, thus a lower cleanup level. Additionally, SBCSA has extensive IC's that address multiple sources of lead compared to Anaconda.

Is there contamination in Butte because of the historic Anaconda smelter?

- EPA has not seen data to indicate contamination from the Anaconda Smelter has impacted Butte. However, smelter contamination from Anaconda does extend over the Butte-Silver Bow county boundary near Anaconda.

More About Anaconda

- The 300-square-mile Anaconda Co. Smelter site is located at the southern end of the Deer Lodge Valley in Montana, at and near the location of the former Anaconda Copper Mining Company.
- As a result of ore processing operations, wastes contaminated soil groundwater and surface water with hazardous chemicals.
- The contaminants of concern at the site are arsenic, copper, cadmium, lead and zinc.
- EPA placed the Anaconda Co. Smelter site on the National Priorities List (NPL) September 1983.
- Cleanup is complete at several areas within the site and operation and maintenance activities are ongoing at these areas. cleanup activities are underway at the remaining areas.
- The site consists of multiple areas, referred to by EPA as operable units (OUs).

  OU15, Mill Creek: The remedy selected in 1987, included permanently relocating all Mill Creek residents, removing demolition debris and contaminated soils for later disposal, regrading and replanting areas disturbed by relocation/demolition activities, monitoring and maintaining the vegetation, and controlling access to the area. Construction of the remedy finished in late 1988. Operation and maintenance activities are ongoing.

  OU11, Flue Dust: The remedy selected in 1991, included stabilization of about 316,500 cubic yards of flue dust, placement of the treated materials in an engineered repository, long-term maintenance and monitoring, and institutional controls. The remedy required that the repository include a liner, leak detection and collection system, groundwater monitoring wells, and a cap. Construction of the remedy finished in September 1996. Operation and maintenance activities are ongoing.

  OU7, Old Works/East Anaconda Development Area: The remedy selected in 1994, included placement of engineered covers over waste, treatment of soils, surface water controls, upgrades or repairs to streambank levees, replacement or repairs to bridges, institutional controls, long-term monitoring and preservation of historic features. OU7 consists of six subareas. Construction is complete at five of the six areas. Construction at the sixth area, the Industrial Area, is nearly complete.

  OU16, Community Soils: The remedy for residential soils, selected in 1996 and modified in 2013, included removal of arsenic-contaminated soils and replacement with clean soil. This remedy also called for the cleanup of future residential soils through institutional controls. The remedy for commercial/industrial areas and the active railroad area included placement of engineered covers. Construction of the remedy was finished in 2010. Operation and maintenance activities are ongoing. The 2013 modification to the Community Soils remedy, included cleanup of lead-contaminated residential soil, expanding the institutional controls program and development of an interior dust abatement program. Implementation of this remedy began in 2015 and is ongoing.

  OU4, Anaconda Regional Water, Waste and Soil: The remedy selected in 1998 and modified in 2011 included consolidation of miscellaneous waste materials, placement of engineered covers over waste management areas, treatment of contaminated soils, storm water controls and institutional controls, including the monitoring and regulation of domestic wells in groundwater areas. A Technical Impracticality Waiver for arsenic in groundwater has been applied to large areas of the site. The OU consists of 15 subareas. Remedial action is ongoing at most of the subareas. Over 10,000 acres have been remediated to date. Construction is expected to be completed over the next 10 years.
- Cleanup has been ongoing since late 1980's; over $350 million has been spent on cleanup to date.
  - Nearly 1000 residential and commercial properties have been cleaned up to date, with another 1000 to be completed in the next three+ years.
  - All domestic wells and/or water supplies have either been tested and/or remediated (treatment units) within the site. Wells will be continued to be sampled/treated.

- Over 3 million cubic yards of waste have been removed from the community and consolidated onto AR property.
- Over 5000 acers of the former smelter facility and disposal areas have been capped and revegetated.
- Nearly 1000 acers of new wetlands have been constructed and another 5000 acers protected.
- Over 12,000 acers of adjacent contaminated soils have been reclaimed and now support wildlife and provide for grazing lands.
- 140,000 feet of stormwater controls have been placed to reduce contaminated sediments from impacting streams
- 30,000 feet of stream have been restored providing for a high-quality fishery.
- EPA recently released an ESD for the community soils remedy and a proposed plan for the Anaconda Regional Water, Waste and Soils (ARWWS) 2017. EPA is considering public comments before making a final decision.

- Cleanup work was coordinated with local development partners for current reuse: Jack Nicklaus Golf Course; Regional Prison Facility; Peak Power Generating Plant; Campus complex; residential and commercial developments; Reuse of slag materials as a commercial product. A processing facility is currently being constructed to turn slag into proppant and pig iron.

Recent/ongoing Community Involvement

- 7/2017 Site update & Community Soils update fact sheets distributed to public
- Website with timely updates, fact sheets and technical documents related to the site
- TAG grant to Arrowhead Foundation and working with them to disseminate site information to the public
- Congressional updates to Senator Daines and Tester's office during regular monthly briefings.
- Interviews with local news media
- 7/20/2017 public meeting – site update and proposed plan (with public comment periods)
- Fifth 5-Year Review completed in 2015.
- Community involvement plan to be updated early 2018; community interviews to be scheduled Nov, Dec 2017.

3-day Timeline: RA, MT Visit

Date/time	Event	location	Key points/people
Tue 11/14 11 am – 12 pm 1 pm – 2 pm	 Pre-briefing SBCBA Availability with MT Dept. of Ag	 John Wardell Room; EPA MT Office; 10 West 15th Street, Helena; 3rd Floor	 Joe, Henry Elsen, Nikia State Dept. of Ag. Employees
Wed 11/15 8 am	 Depart for Anaconda		 RA; Site Team
9:30 – 12 PM	Anaconda Smelter Superfund Tour	• W. Galen • Triangle Waste Area Trailer • Opportunity ponds • Warm Springs Creek • Redevelopment Corridor • Smelter Stack • East Yards • Old Works Golf Course • Railroad Corridor	RA; Site Team • Reclamation, grazing, wildlife • Atlantic Richfield office, pre-entry briefing • Wetland restoration, waste repository, groundwater treatment • Restoration, wetland preservation USFWS • CCCS Prison; NW Energy Power Plan; New Slag Facility • Stormwater controls; repository complex • Aware Inc Campus; Benny Goodman Park • Conveyance agreement; redevelopment issues • A-1 Lumber; Georgetown comments; Hospital expansion
12 - 1	Lunch Donivan's	211 E Park Ave	
1 – 2:30	Community Meeting	Community Hospital of Anaconda Conference Room	• RA, Site team • Community invitee list

		401 W Pennsylvania Ave,	
2:30 pm – 4 pm	Follow up meeting and additional time with Bill Everett	TBD	TBD Old Work Golf Course (if missed in morning tour)
4 pm – 5:30	Depart Anaconda, return to Helena		
Thu 11/16	BPSOU Principles Meeting		Joe, Henry Elsen, other?

Tasks

Task	Lead	Method	Deadline	status
Prep event plan; Q&A	Robert	Word documents	11/13 @ Start of Business	drafted
Coordinate with ADLC: Id guests; secure venue	Bill Everett Robert	Email, phone	11/13	11/8 draft guest list Venue Id - Hospital
FYI to DEQ (1 page event plan overview)	Robert	Email	11/13	
Draft and deliver invitations	ADLC Charlie	Email Outlook calendar invite	11/1	
Assemble meeting packet	Robert	agenda sign in sheet Q&A, fact sheets	11/14 COB	